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**REMARKS**

The undersigned thanks Examiner Lukton for agreeing to consider this Second Supplemental Amendment along with the prior Amendment submitted by fax on March 16, 2004 and Response filed on February 3, 2004.

During a telephone conference on March 16, 2004, the Examiner requested that the phrase "covalently bound by its N terminus to the C terminus end of X" be added back to claim 83. The present amendment complies with this request.

Further, claim 82 has been amended so that modified or truncated analogues pertain to X and not to the Z portion of the claimed peptide conjugate. Further defined analogues have been set forth in claims 112-114.

Finally, and at the Examiner's request, the elected species (Leu-enkephalin-Lys-Glu-Glu-Glu-Glu-Lys-OH) (SEQ ID NO: 98)) has been added to claims 82 and 83.

The present amendments are fully supported by the application including the Drawings and claims as filed originally.

Early consideration and allowance of the above-captioned application are respectfully requested. The USPTO is authorized to charge our deposit account 04-1104 for any fees needed

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to consider this submission including the fee for considering new claims 112-114.

Respectfully submitted,



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